MANAV BEHL

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Professional Summary

Electronics and Communication Engineer with hands-on IoT experience and foundational data analytics skills. Eager to advance in data analytics, leveraging SQL, Excel, and Python expertise to drive data-driven success and decision-making. Seeking opportunities to grow in this field.

Education

B.tech in Electronics and Communication Engineering
Bharati Vidyapeeth (DU) College of Engineering, Pune
CGPA: 8.2 | 2024

Senior Secondary
Pioneer Convent, Indore | 70.5%

Secondary
Advanced Academy, Indore | 68%

Projects

- **Spotify Data Analysis:**
  Analyzed Spotify's recommendation algorithms using Python and Pandas, gaining insights into music trends and recommendation mechanics. Developed data visualizations to illustrate algorithm performance.
- **Health Monitoring System (GitHub):**
  Co-developed an IoT-based device to track vital signs with 95% accuracy, providing real-time alerts for medical applications, leveraging MAX30100 sensor integration.
- **Smart Temperature Detection System (GitHub):**
  Developed a real-time temperature monitoring system with 91% accuracy, using ThingSpeak for accessible data tracking and reducing physical monitoring needs.

Skills

- ❖ **Python**: Skilled in data analysis and manipulation using libraries like Pandas. Adept at ensuring data accuracy and optimizing processes.
- ❖ **SQL**: Basic knowledge of SQL for querying and managing datasets.
- ❖ **Excel**: Experienced in creating dashboards and tracking metrics, essential for data-driven decision-making.
- ❖ **IoT and Embedded Systems**: Skilled in Embedded C, Xiao ESP32, circuit design, and sensor integration (MAX30100).
- ❖ **Web Development**: Proficient in HTML, CSS; basic understanding of JavaScript.

Relevant Experience

- **Management Trainee – Inside Sales Max Cars | Spinny (Valuedrive Technologies Pvt. Ltd.), Gurugram**
  August 2024 – November 2024
  - Utilized Excel to track performance metrics, monitoring monthly test drive-to-delivery ratios, leading to a 8-10% improvement in sales outcomes.
  - Managed data on customer interactions to derive insights for process optimization and customer engagement.
  - Collaborated with teams to implement Excel-based dashboards for sales tracking and analytics.
- **Virtual Training – Web Development | Bharat Intern**
  April 10, 2023 – May 10, 2023
  - Gained foundational skills in front-end and back-end web development, strengthening programming and analytical thinking.

Certifications

- ❖ Introduction to Data Analytics – Simplilearn (Completed on October 5, 2023)
- ❖ IELTS (Band 7)